

Tissues (Class 7 ICSE Biology)

What is a Tissue?

A tissue is a group of similar cells that work together to perform a specific function.

Cell → Tissue → Organ → Organ System → Organism

Cells combine to form tissues. Tissues combine to form organs.

Plant Tissues

- Meristematic Tissue – Responsible for growth.
- Permanent Tissue – Performs specific functions.

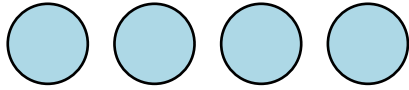
Types of Permanent Tissues:

- Parenchyma – Storage of food.
- Collenchyma – Provides support.
- Sclerenchyma – Gives strength.

Animal Tissues

- Epithelial Tissue – Covers body surfaces.
- Connective Tissue – Connects different parts of the body.
- Muscular Tissue – Helps in movement.
- Nervous Tissue – Controls body activities.

Simple Diagram Representation



The above diagram shows similar cells grouped together forming a tissue.

Conclusion:

Tissues are important because they help the body and plants perform different functions efficiently.